

DESCRIPTIONS OF NEW SPECIES OF NON-MARINE SHELLS FROM  
 JAVA, AND A NEW SPECIES OF *CORBICULA* FROM NEW  
 SOUTH WALES.

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PLATE VI.

THE four apparently new species of Javanese land and fresh-water shells are from a small collection of about forty species which I recently purchased direct from the island. A somewhat carinate specimen of *Amphidromus palaceus*, Mousson, was also obtained from the same source (Pl. VI, Fig. 6). Messrs. Sowerby and Fulton, to whom they were first sent, picked out three species as not represented in their collections, and I have since consulted Mr. E. A. Smith and Mr. E. R. Sykes, with gratifying results. To all these gentlemen my sincere thanks are due.

1. *CORBICULA SUBROSTRATA*, n.sp. Pl. VI, Figs. 7-9.

Testa solida, periostraco olivaceo-fusco induta, antice late rotundata, postice aliquanto rostrata, concentrice lirata et sulcata, iris versus latus posticum attenuatis, subobsoletis; umbones prominentes, contigui, erosi, albi; superficies interna albida, infra umbones rosacea, et ad marginem ventralem subfusca; dentes laterales purpurei, striati. Long. 30, alt. 27 mm.

*Hab.*—Java.

Messrs. Sowerby and Fulton dubiously referred this species to *C. Javanica*, Mousson, but as they have no type-specimen and lament the unsatisfactory state of the classification of the Corbiculidæ, which needs thorough revision, they do not look upon the identification as final. There are no specimens of the species in the British Museum, so we are driven to Mousson's figure. There is no resemblance between the *Corbicula* in my collection and Mousson's figure, other than a generic one.

Indeed, the three specimens all exhibit such a peculiar feature in the formation of a shallow, though well-marked, indentation on the posterior ventral margin, that that region of the shell is somewhat rostrated. The other distinctly rostrated *Corbicula* with which I am acquainted is the *C. Moltkiana*, Prime, from Sumatra, the type of which is in the Museum at Copenhagen. This species, however, is a comparatively longer and squarer shell, quite distinct from the Javanese specimens under discussion. The latter, judging from their massive valves and clean condition, evidently come from a clear, quickly flowing stream. I propose to give them the name of *Corbicula subrostrata*.

2. *VIVIPARA ROUYERI*, n.sp. Pl. VI, Fig. 3.

Testa olivaceo-viridis, anguste umbilicata; spira conoidea, ad apicem mediocriter acuta; anfractus sex, convexiusculi, spiralter tenuiter striati, lineisque incrementi obliquis arcuatis sculpti, ultimus ad peripheriam leviter carinatus; apertura subrotundata, intus cærulescens; peristoma tenue, sed margine columellari leviter incrassato et anguste reflexo. Long. 26, diam. maj. 19 mm.; apertura 12 mm. longa, 10 lata.

*Hab.*—Java.

Although resembling *V. Javanica* slightly, it is quite distinct from that species. The body-whorl is more ventricose, and the spire more acutely conical.

3. *LAGOCHILUS OBLIQUISTRIATUS*, n.sp. Pl. VI, Figs. 4, 5.

Testa turbinata, umbilicata, fusco-cornea; spira conica, acuta; anfractus sex, convexi, liris spiralibus tenuibus (in anfr. penult. 6-7, in ultimo circiter 16-18) instructi, lineis incrementi obliquis tenuiter striati, ultimus ad peripheriam rotundatus, liris infra medium magis distantibus quam supra; apertura intus lilacea; peristoma anguste expansum, intus ad marginem album. Diam. maj. 7, min. 5.5 mm.; alt. 7 mm

*Hab.*—Java.

Mr. Sykes considers this species nearest to *L. longipilum*, Mldff., but the striation and lineation of the new shell are so pronounced as to produce a superficial appearance very different from the more shining and delicately marked periostracum of Moellendorff's species.

4. *MELANIA VARIA*, n.sp. Pl. VI, Figs. 1, 2.

Testa parva, turrita, decollata, ad apicem detrita, olivacea, rufo maculata et punctata; anfractus —?, supra medium angulati, ad angulum serie spinarum brevium sursum directarum instructi, liris pluribus inæqualibus et striis incrementi tenuibus ornati, ultimus liris 4-5 circa medium fortioribus quam cæteris; apertura ovalis, sordide cærulescens; columella antice incrassata, reflexa, albida, ad basim subcanaliculata. Long. 17, diam. 9 mm.; apertura 8 mm. longa, 4 lata.

*Hab.*—Java.

The specific name *varia* has reference to the reddish spots on the transverse liræ, *varius* having the sense of spotted in classical Latin.

5. *CORBICULA FABA*, n.sp. Pl. VI, Figs. 10, 11.

Testa ovata, subcompressa, tenuis, luteo-brunnea, concentrice tenuiter lirata, liris postice fere obsolete; umbones parum prominentes, sæpe valde erosi; pagina interna sordide cærulea, umbones versus rufescenti-albida; dentes laterales tenues, striati. Long. 19, alt. 15, diam. 9.5 mm.

*Hab.*—Richmond River, New South Wales.

